

17 January 2012

Garry McCarthy
Superintendent of Police
3510 S. Michigan Avenue
Chicago, Illinois 60653

Reference: CR# 1049917

Accused: Crossing Guard [REDACTED]

This report is submitted in reference to the sustained findings (CR# 1049917) waged against me and C/G [REDACTED] respectfully requests this statement and the attached documents be included as part of this investigative file.

I applied for the Detention Aide position in October and was called two weeks later for an interview. All applicants were told in advance a drug screening would be required as one part of the process to qualify for the position. The hair / nail sample results returned positive for the use of cocaine. I am a 58 year old woman and a cancer survivor of 4 years. I didn't go through six months of chemo and fight the fight of my life to become a drug addict. I don't do drugs and NEVER would I have jeopardized my current position of 13 years if I used drugs. I am proud to work for the Police Department and all I wanted was a better job, a full time job.

I would never bring discredit upon this Department, nor myself. I only ask that you take a look at the statement from [REDACTED] concerning the eye drops administered to me on September 30, 2011 that I failed to include along with the other medicines I take and the list of cocaine analogues. Your attention to this matter is greatly appreciated.
Thank you.

[REDACTED]

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4646 N. MARINE DRIVE, SUITE C-8300
CHICAGO, IL 60640
PHONE: 773.564.6110
FAX: 773.564.6111

December 21, 2011

[REDACTED]

Dear [REDACTED]

Per your request: the following eye drops were used during your office visit on July 15, 2011:

[REDACTED]

The following eye drops were used during your September 30, 2011 office visit:

[REDACTED]

You were not dilated during the September office visit.

Please contact our office at 773-564-6110 should you have any further questions.

Sincerely,

[REDACTED]

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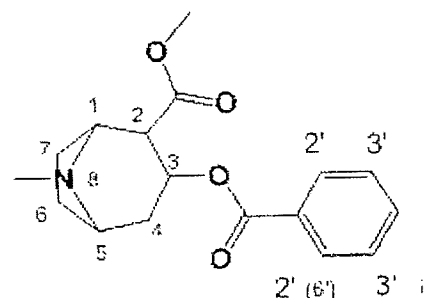
List of cocaine analogues - Wikipedia, the free encyclopedia

List of cocaine analogues

From Wikipedia, the free encyclopedia

This is a list of cocaine analogues. A **cocaine analogue** retains 3β-benzoyloxy or similar functionality unlike phenyltropanes. Cocaine analogues *proper* consist of the nine following classes of compounds:^[1]

- stereoisomers of cocaine
- 3β-phenyl ring substituted analogues
- 2β-substituted analogues
- N-modified analogues of cocaine
- 3β-carbamoyl analogues
- 3β-alkyl-3-benzyl tropanes
- 6/7-substituted cocaines
- 6-alkyl-3-benzyl tropanes
- piperidine homologues of cocaine



cocaine

Cocaine with it's numerical substitution positions.

The term may also be loosely used to refer to drugs manufactured from cocaine or having their basis as a total synthesis of cocaine, but modified to alter their effect & QSAR. These include both intracellular sodium channel blocker anesthetics and phenyltropane stimulant dopamine reuptake inhibitor ligand (such as certain piperidines). Many of the stimulant created analogues are of a class of C-2 substituted benzoyloxytropanes.

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Analogs sensu stricto

Cocaine Stereoisomers

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Stereoisomer	IC ₅₀ (nM)
R-cocaine	102
R-pseudococaine	15800
R-allococaine	6160
R-allopseudococaine	28500
S-cocaine	15800
S-pseudococaine	22500
S-allococaine	9820
S-allopseudococaine	67700

Benzoyl- branch cleavage substitutions (excluding the exhaustive phenyl- group) & active transesterification metabolites of cocaine

- Cocaethylene
- 2'-Acetoxycocaine
- 4'-Fluorococaine^[2]
- Benzoylthiomethylecgonine^[3]
- Salicylmethylecgonine
- Methylvanillylecgonine^[4]
- Isothiocyanatobenzoylecgonine methyl ester

Miscellaneous stimulant analogues

Analogues with both stimulant & local anesthetic effects

- Dimethocaine/Larocaine (DMC)
- 3-(p-1-fluorobenzoyloxy)tropane (30% stimulant potency of cocaine & equipotent as an anaesthetic)

See some of Clarke's contributions

Quinuclidine Analogues

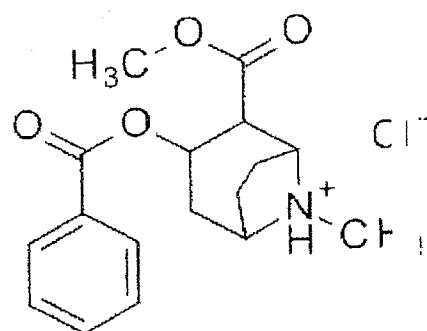
- Butyltolylquinuclidine

Phenyltropanes series (excluding all other benzoyl-branch substitutions)

See: List of phenyltropanes

Piperidine Analogues

- Methylnaphthidate (HDMP-28)



Alternate two-dimensional molecular diagram of cocaine: shown specifically as a protonated, NH⁺, hydrochloride, and disregarding 3- stereochemistry

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- Nocaine
- DMNPC
- JZ-IV-10
- Methylphenidate

Organochloride Analogues

- Diclufensine

GBR Analogs

- GBR-12909
- GBR-12935

Benztropine Analogs

- Benztropine
- Difluoropine (more selective as a DARI than cocaine. Also an anticholinergic & antihistamine)
- AHN 1-055 Same structure as for benztropine but 4',4'-bisfluorinated.
- GA 103 N-phenylpropyl bis-4-fluorobenzotropine
- JHW 007^[5] N-(n-butyl)-3α-[bis(4'-fluorophenyl)methoxy]-tropane

"Difluoropine" is not a phenyltropane but actually belongs to the benztropine family of DRIs.

In certain respects these are important because they share SAR overlap with GBR 12909 and related analogs.

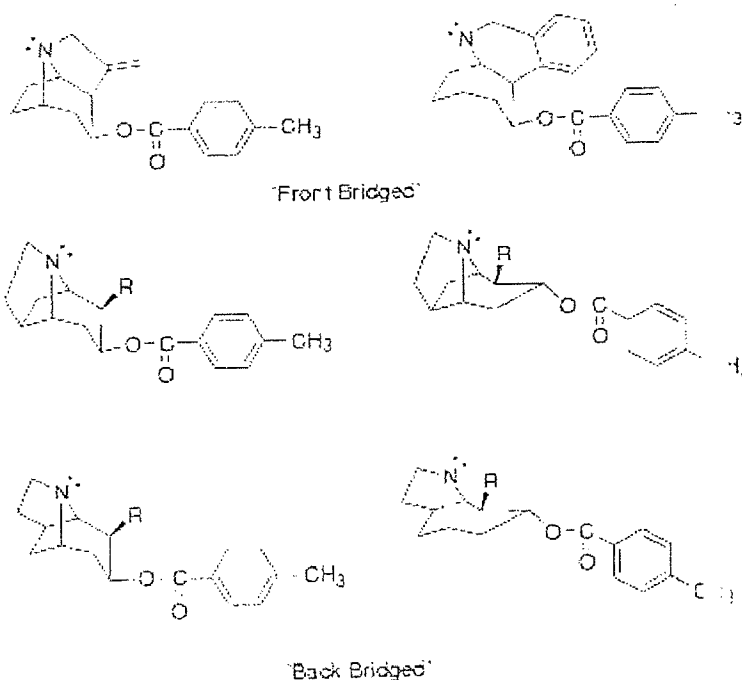
SARs have shown that 4',4'-difluorination is an excellent way to boost DAT activity of benztropine, and gives excellent selectivity over the SERT and the NET.^{[6][7]}

Furthermore, replacing the N-Me with, e.g. n-phenylpropyl helps to bring muscarinic activity down to something that is the same as DRI affinity.^[6]

This is remarkable considering unmodified (native) benztropine is 60 times more active as an anticholinergic than as a dopaminergic.^[6]

M1 receptor considerations aside, analogues of this benztropine class still won't substitute for cocaine and have no propensity to elevate locomotor activity.

Phenethylamines



A selection of "front bridged" & "back bridged" cocaine analogs.

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- Methylenedioxypropylvalerone

Many phenethylamines are dopamine releasers, however, certain drugs of the family inhibit dopamine reuptake & transport which may be loosely classed as cocaine analogs. Dependent upon their specific configurations.

Local anesthetics (not usually CNS stimulants)

Note: Certain of the local anesthetics still have residual DRI properties,^[8] although not normally ones that are easily available. These are expected to be more cardiotoxic than phenyltropanes. For example, dimethocaine has behavioral stimulant effects (and therefore not here listed below) if a dose of it is taken that is 10 times the amount of cocaine. Dimethocaine is equipotent to cocaine in terms of its anesthetic equivalency.^[8]

- | | |
|--|---------------------------------------|
| ■ Amylocaine | ■ Mepivacaine (Carbocaine, Polocaine) |
| ■ Articaine | ■ Mepylcaine/Oracaine |
| ■ Benzocaine | ■ Metabutoxycaine (Primacaine) |
| ■ Bupivacaine (Marcaine, Sensorcaine, Vivacaine) | ■ Piperocaine (Metycaine) |
| ■ Butacaine | ■ Prilocaine |
| ■ Carticaine | ■ Propoxycaine/Ravocaine |
| ■ Chloroprocaine (Nesacaine) | ■ Procaine/Novocaine (Novocain) |
| ■ Cinchocaine/Dibucaine (Nupercaine) | ■ Proparacaine/Alcaine |
| ■ Cyclomethycaine (Surfacaine, Topocaine) | ■ Risocaine |
| ■ Etidocaine | ■ Ropivacaine |
| ■ Hexylcaine (Cyclaine, Osmocaine) | ■ Tetracaine/Amethocaine (Pontocaine) |
| ■ Levobupivacaine (Chirocaine) | ■ Trimecaine |
| ■ Lidocaine/Lignocaine (Xylocaine) | |

Analogues for other purposes

- Procainamide

See also

- Dopaminergics
- Federal Analog Act
- Pharmacophore
- Pharmacopoeia
- Pharmacokinetics

Common analogues to prototypical DRAs:

- Substituted amphetamines
- Substituted cathinones
- Substituted phenethylamines
- Substituted methylenedioxyphenethylamines

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References

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4. ^ Smith, R. Martin; Poquette, Michael A.; Smith, Paula J.. "Hydroxymethoxybenzoylmethylecgonines: New metabolites of cocaine from human urine." *Journal of Analytical Toxicology* 1984, 8(1), pp.29-34
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External links

- U. S. Provisional Patent Application listing examples of compounds which are tropanes for prospective use in research
- Article on cocaine analogue research

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Categories: Cocaine Dopamine reuptake inhibitors Stimulants Local anesthetics Tropanes

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12/16/2011

CPD 0021609

17 January 2012

To: Sgt. Solice

From:

Re:

8 pages